**My Race Car Designs**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Outcomes**

* **Design and construct devices and vehicles that move or have moving parts.**
* **Use simple forces to power or propel a device – direct push**
* **Identify steps to be used in constructing a device or vehicle and work cooperatively with other students to construct the device or vehicle.**
* **Design and construct several different models of a device and evaluate each model, working cooperatively with other students.**
* **Compare two designs, identifying the relative strengths and weaknesses of each.**

**Materials – Dacta kits**

Car # 1

* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and I worked together to build this car.**
* The steps we used to construct this car were:

|  |  |
| --- | --- |
| **Strengths** | **Weaknesses** |
|  |  |

**Car Evaluation**

* **Appearance 3 2 1**
* **Speed 3 2 1**
* **Distance 3 2 1**

**Group Evaluation**

**D:\Documents and Settings\abeardsworth\Local Settings\Temporary Internet Files\Content.IE5\7HNBLOEK\MC900423169[1].wmfHow well did you work as a team?**

Car # 2

* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and I worked together to build this car.**
* The steps we used to construct this car were:

|  |  |
| --- | --- |
| **Strengths** | **Weaknesses** |
|  |  |

**Car Evaluation**

* **Appearance 3 2 1**
* **Speed 3 2 1**
* **Distance 3 2 1**

**Group Evaluation**

**D:\Documents and Settings\abeardsworth\Local Settings\Temporary Internet Files\Content.IE5\7HNBLOEK\MC900423169[1].wmfHow well did you work as a team?**

Car # 3

* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and I worked together to build this car.**
* The steps we used to construct this car were:

|  |  |
| --- | --- |
| **Strengths** | **Weaknesses** |
|  |  |

**Car Evaluation**

* **Appearance 3 2 1**
* **Speed 3 2 1**
* **Distance 3 2 1**

**Group Evaluation**

**D:\Documents and Settings\abeardsworth\Local Settings\Temporary Internet Files\Content.IE5\7HNBLOEK\MC900423169[1].wmfHow well did you work as a team?**

My best car was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_